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FIG. 1

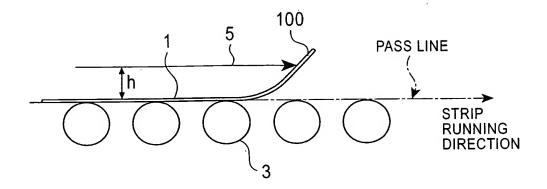


FIG. 2

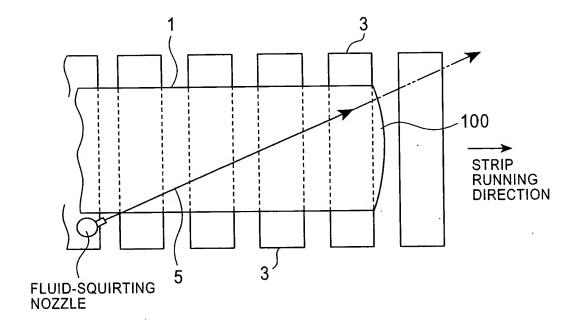


FIG. 3

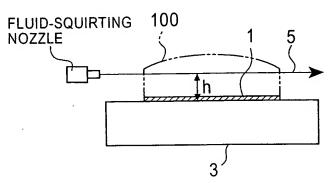


FIG. 4A

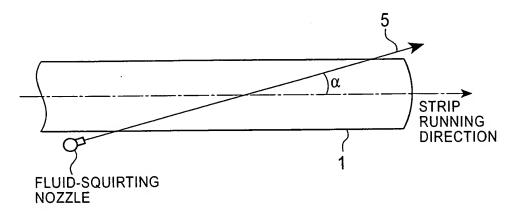


FIG. 4B

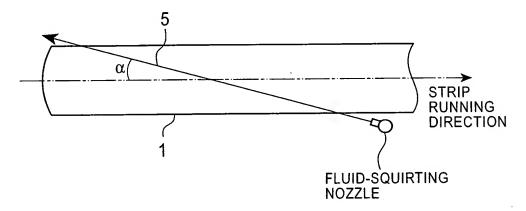


FIG. 7

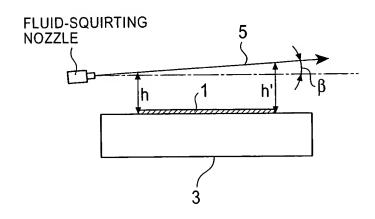


FIG. 5

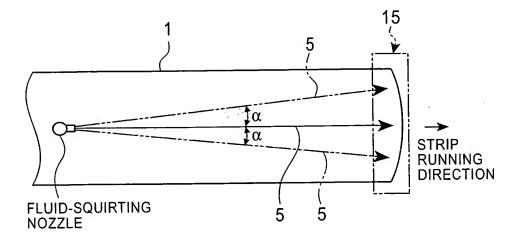
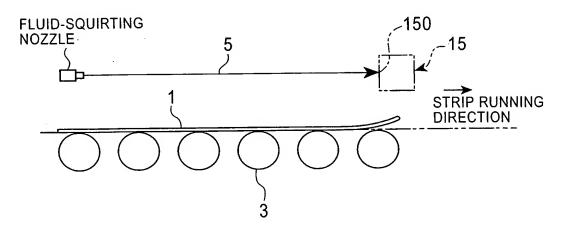


FIG. 6



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FIG. 8

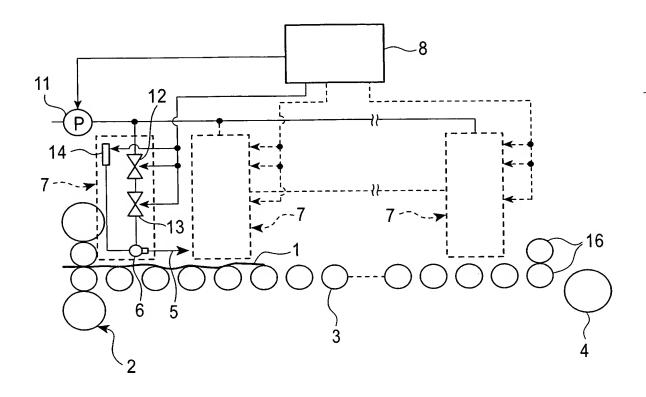


FIG. 9

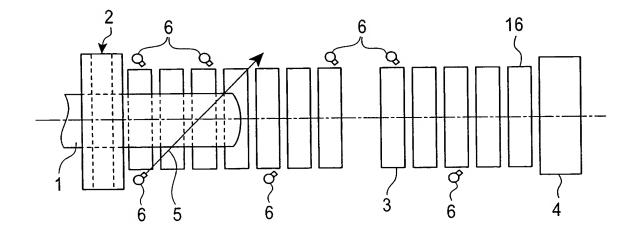


FIG. 10

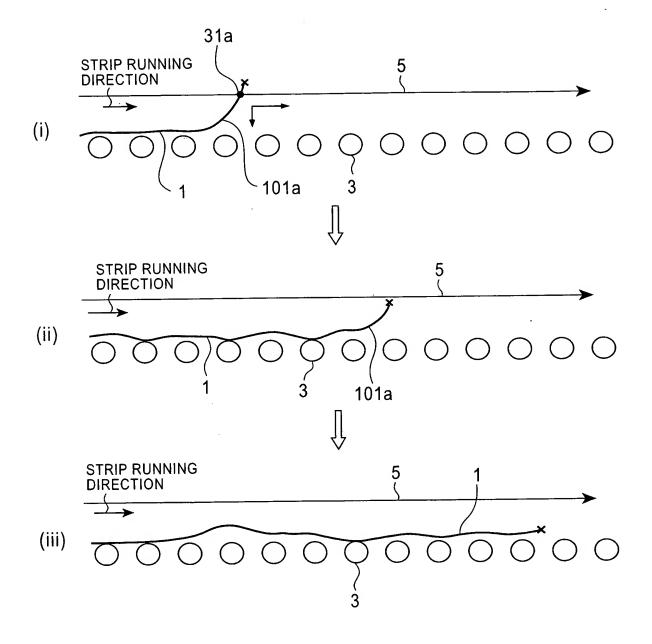


FIG. 11

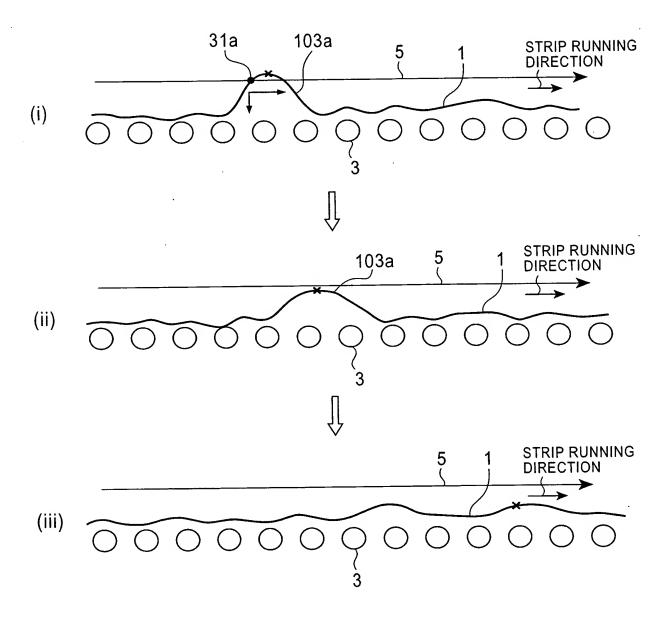


FIG. 12

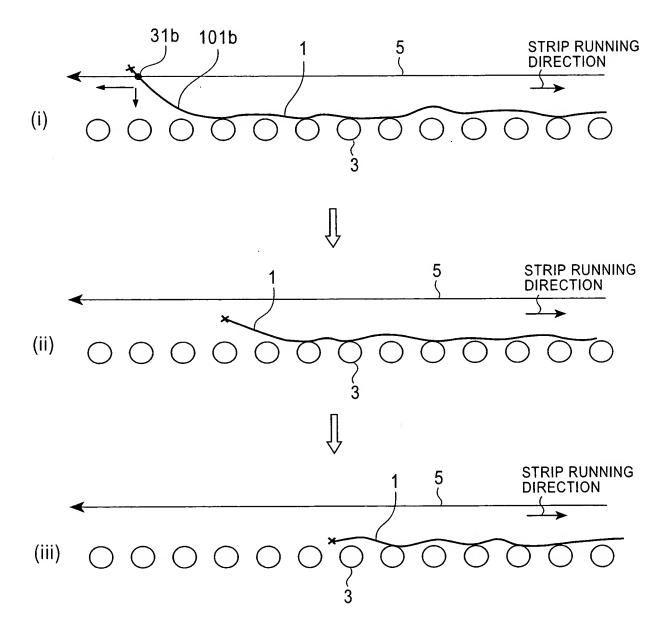


FIG. 13

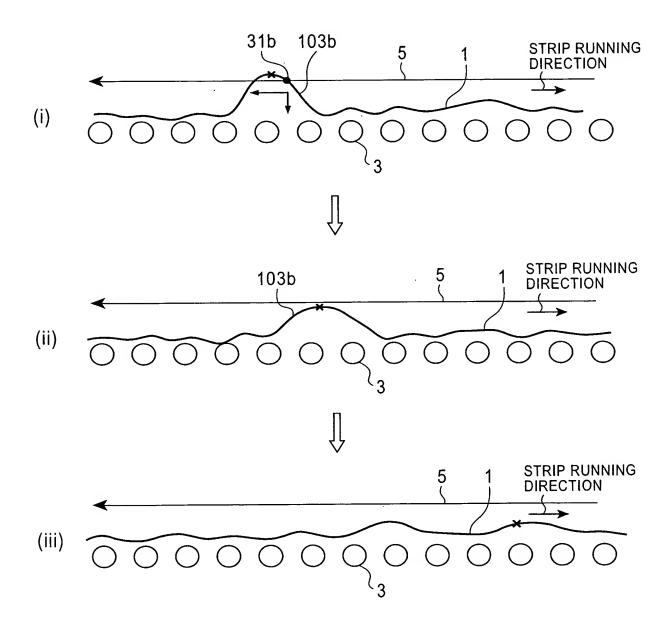
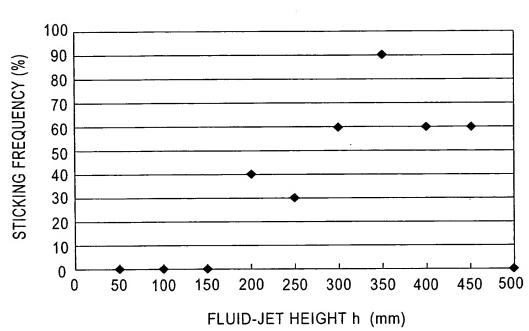
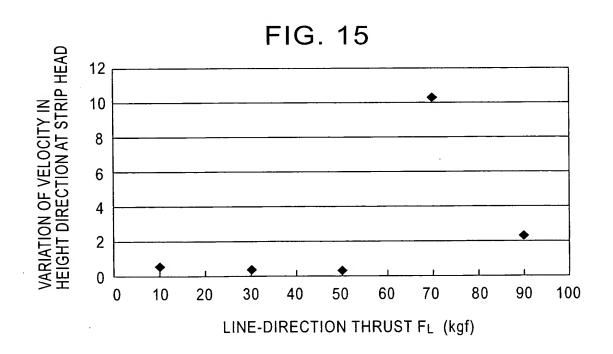
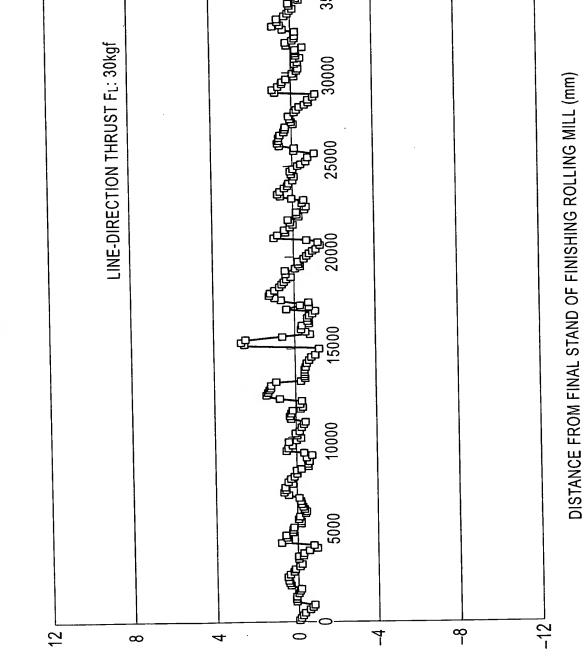


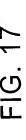
FIG. 14

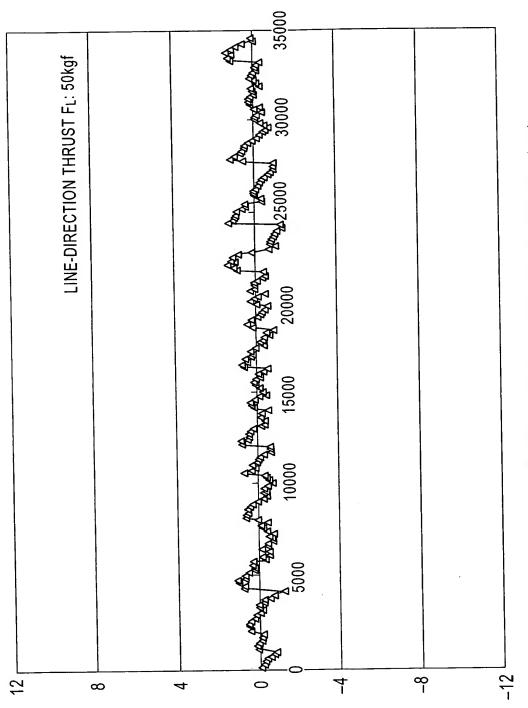






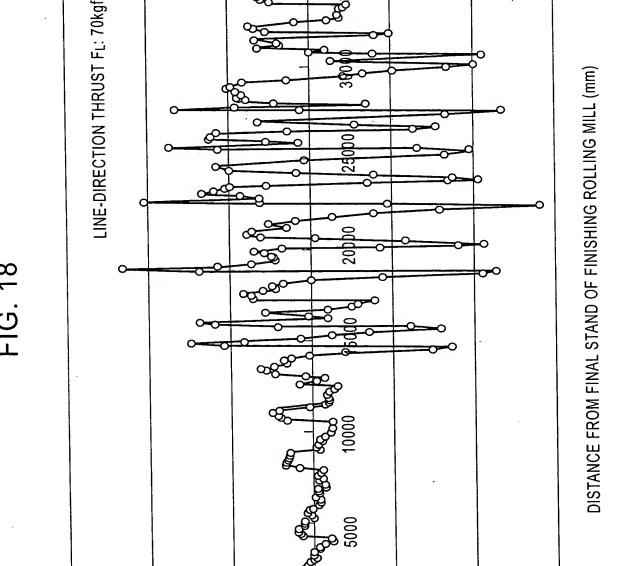
VELOCITY IN HEIGHT DIRECTION AT STRIP HEAD (m/s)





VELOCITY IN HEIGHT DIRECTION AT STRIP HEAD (m/s)

DISTANCE FROM FINAL STAND OF FINISHING ROLLING MILL (mm)



VELOCITY IN HEIGHT DIRECTION AT STRIP HEAD (m/s)

12

ω

FIG. 19A

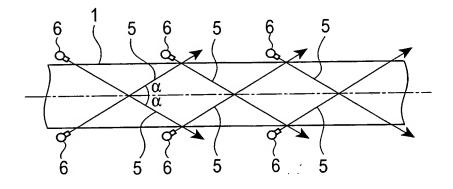
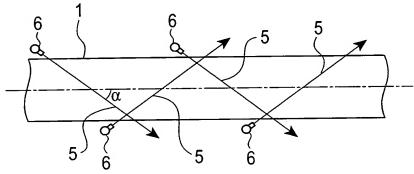


FIG. 19B



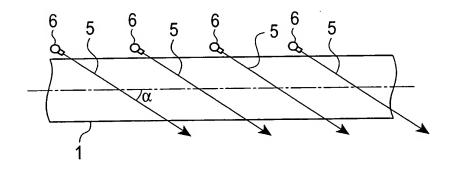


FIG. 19D

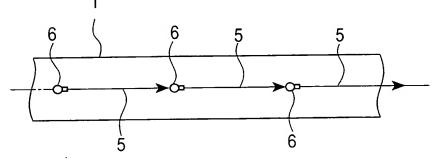


FIG. 20

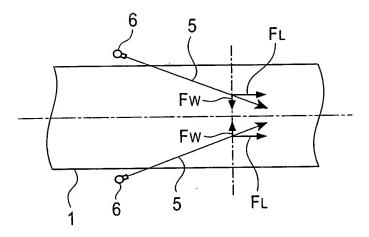


FIG. 21A

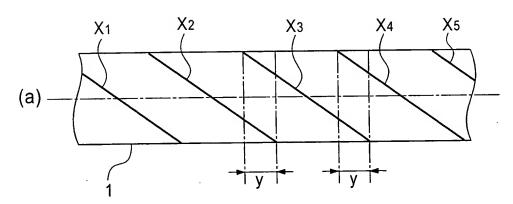


FIG. 21B

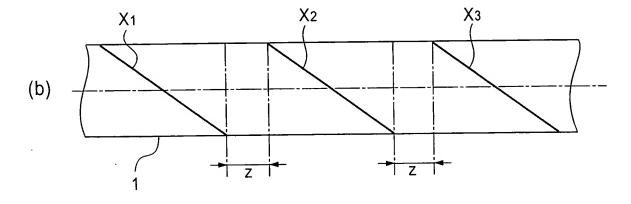


FIG. 22

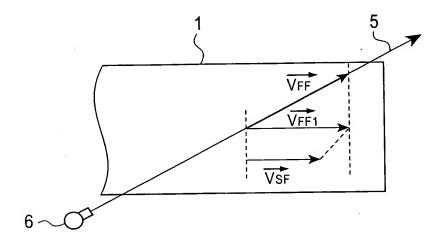


FIG. 23

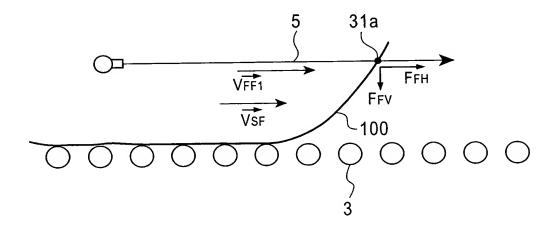


FIG. 24

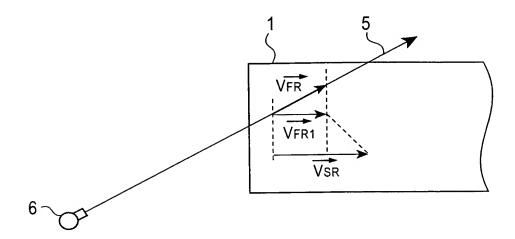


FIG. 25

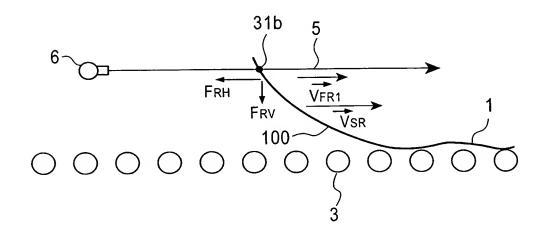


FIG. 26

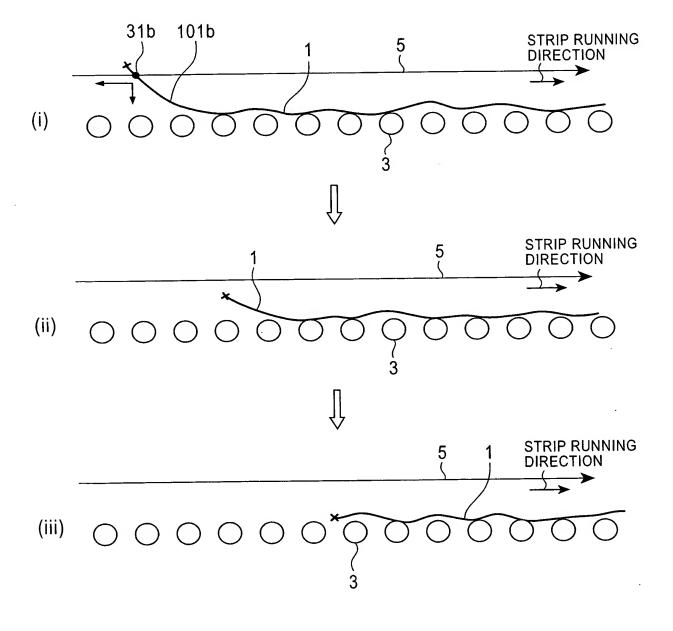
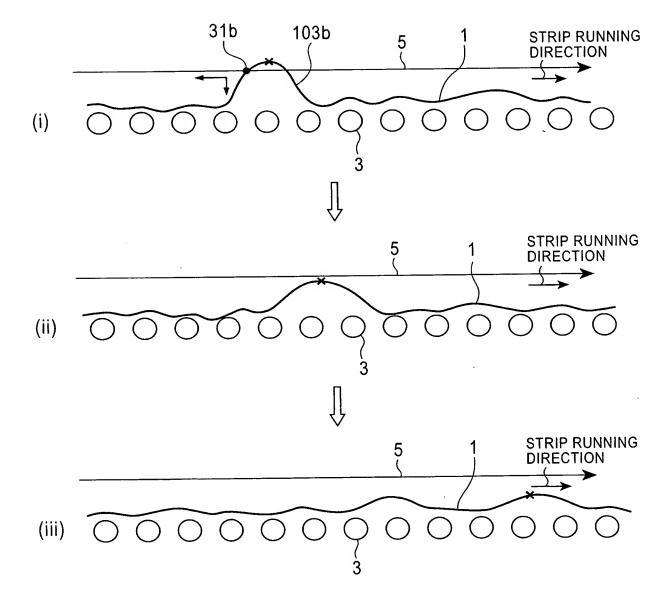


FIG. 27



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FIG. 28

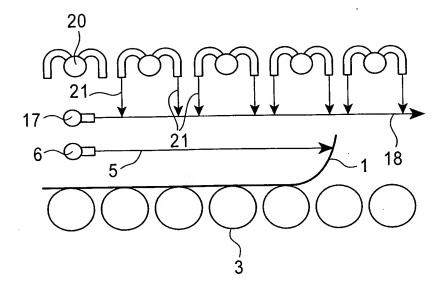


FIG. 29

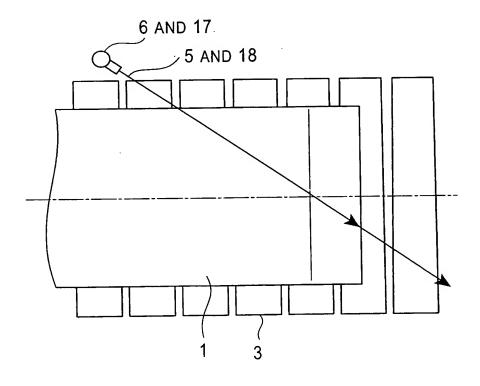


FIG. 30

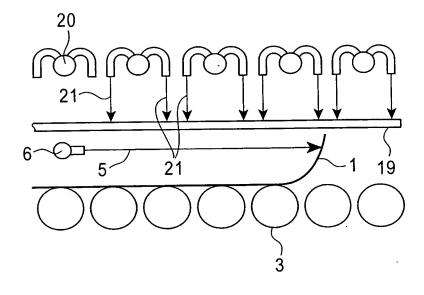


FIG. 31

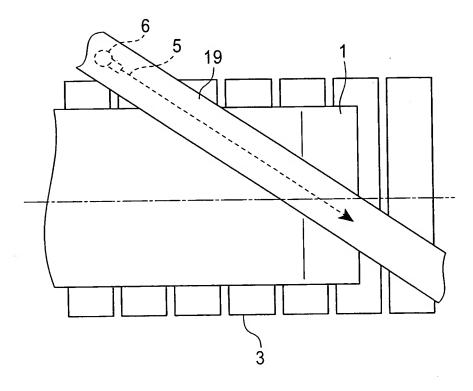


FIG. 32

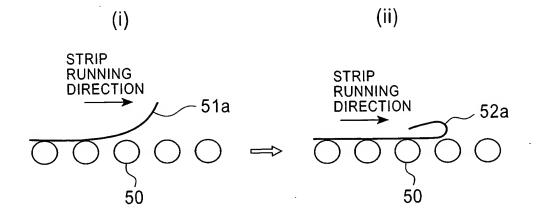


FIG. 33

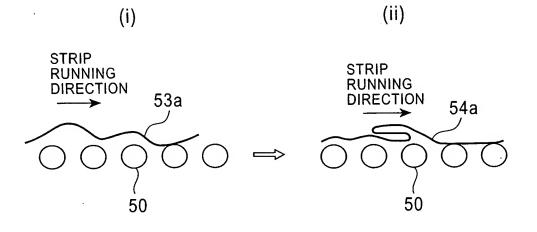


FIG. 34

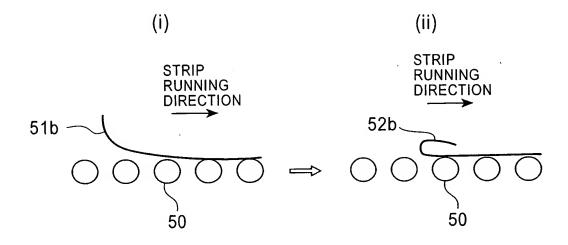


FIG. 35

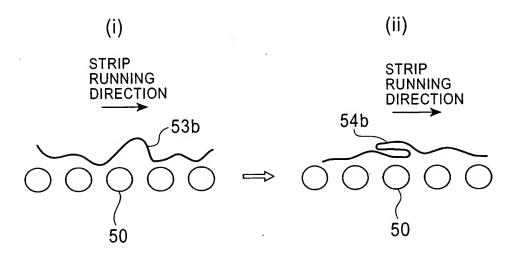


FIG. 36

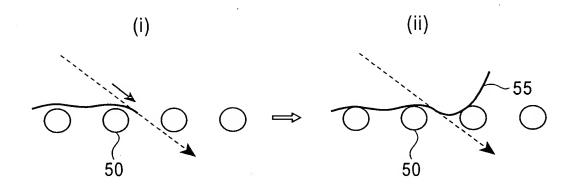


FIG. 37A

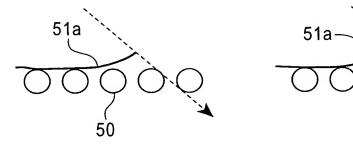


FIG. 37B